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01-23 -04  
ATTORNEY DOCKET NO.: N1085-00134  
[TSMC 2002-1045]

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of: You-Hua Chou et al.

Serial No.: 10/678,236

Group Art Unit: 2831

Filed: 10/03/2003

Examiner: Not Known Yet

Confirmation No.: 2013

For: **METAL-INSULATOR-METAL CAPACITOR STRUCTURE**

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1/22/2004

Date

*Chris Lambriodes*

Chris Lambriodes

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

INFORMATION DISCLOSURE STATEMENT TRANSMITTAL LETTER

Dear Sir:

Enclosed herewith is an Information Disclosure Statement pursuant to 37 CFR. § 1.56 in connection with the above-identified application, which statement is being filed:

- ☐ Together with the present application.
- ☒ Before the first Office Action on the merits or three (3) months from the filing date of this application, whichever occurs last. **[37 CFR § 1.97(b)]**
- ☐ After the first Office Action on the merits, but before a Final Office Action under §1.113 or Notice of Allowance under §1.311, whichever occurs first. **[37 CFR § 1.97(c)]**
- ☐ After a Final Office Action under §1.113 or Notice of Allowance under §1.311, but prior to or with payment of the Issue Fee. **[37 CFR § 1.97(d)]**

Consistent with Applicant's obligations pursuant to 37 CFR §§1.97 and 1.98, the following requirements have been met:

☒ No separate requirements are needed.

☒ No additional fee is required.

☐ **Fee Under 37 CFR § 1.97(c)**

The fee of \$180.00 for submission of an IDS under § 1.97(c) as set forth in § 1.17(p) accompanies this statement.

☐ **Fee Under 37 CFR § 1.97(d)**

The fee of \$180.00 for submission of an information disclosure statement under § 1.97(d) set forth in § 1.17(p) accompanies this statement.

☐ **Certification Under 37 CFR § 1.97(e)**

- ☐ Each item of information contained in this statement was cited in a communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this statement; or
- ☐ No item of information contained in this statement was cited in a communication from a foreign patent office in a counterpart foreign application, and, to the knowledge of the person signing the statement after making reasonable inquiry, no item of information contained in this statement was known to any individual designated in §1.56(c) more than three months prior to the filing of this statement.

**Provision of Copies of References**

☐ A copy of each of the non-U.S. patent references listed on the attached Form PTO-1449 is enclosed herewith and forms a part hereof.

☐ Partial Translations of References are enclosed herewith and form a part hereof.

☐ A copy of the European Search Report from a corresponding or related EPO application is enclosed herewith.

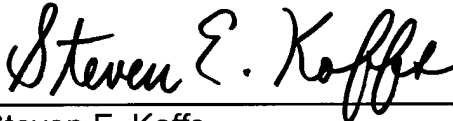
- [ ] A copy of the International Search Report from a corresponding or related PCT application is enclosed herewith.

**Identification of Prior Application(s) In Which Listed Information Was Already Cited And For Which No Copies Are Submitted Or Need Be Submitted**

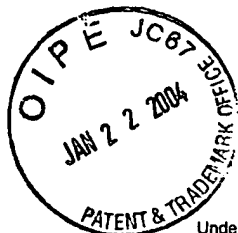
- [ ] This application relies, under 35 U.S.C. § 120, on the earlier filing date of prior U.S. Application No(s). The following references were submitted to, and/or cited by, the Office in the prior application(s) and therefore are not required to be provided in this application:
- [x] The Commissioner is hereby authorized to charge any fees associated with this communication or credit any overpayment to Deposit Account No. 04-1679. A duplicate copy of this transmittal is attached.

Respectfully submitted,

DATE: 1/22/04

  
Steven E. Koffs  
Registration No. 37,163  
Attorney for Applicant(s)

DUANE MORRIS LLP  
One Liberty Place  
Philadelphia, PA 19103-7396  
Telephone: 215-979-1250  
Fax: 215-979-1020



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PTO/SB/08A (04-03)

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Substitute for form 1449/PTO

## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Sheet 1 of 1

### Complete if Known

Application Number	10/678,236
Filing Date	10/03/2003
First Named Inventor	You-Hua Chou
Art Unit	2831
Examiner Name	Not Yet Assigned
Attorney Docket Number	N1085-00134

### U. S. PATENT DOCUMENTS

Examiner Initials*	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>2</sup> (if known)			
	A	US- 3,579,811	05-25-1971	Matsuo	
	B	US- 3,579,813	05-25-1971	Tomiwa	
	C	US- 3,753,051	08-14-1973	Willy	
	D	US- 4,959,705	09-25-1990	Lemnios et al.	
	E	US- 5,450,279	09-12-1995	Yoshida et al.	
	F	US- 5,559,667	09-24-1996	Evans	
	G	US- 6,184,551	02-06-2001	Lee et al.	
	H	US- 6,198,617	03-06-2001	Sun	
	I	US- 6,252,760	06-26-2001	Sen	
	J	US- 6,285,050	09-04-2001	Emma et al.	
	K	US- 2001/0020713	09-13-2001	Yoshitomi et al.	
	L	US- 6,307,730	10-23-2001	Yamanishi	
	M	US- 2001/0050409	12-13-2001	Kasahara	
	N	US- 6,346,127	02-12-2002	Kuriyama	
	O	US- 2002/0036312	03-28-2002	Bertagnolli et al.	
	P	US- 6,366,443	04-02-2002	Devoe et al.	
	Q	US- 6,391,707	05-21-2002	Dirnecker et al.	
	R	US- 6,392,869	05-21-2002	Shiraishi et al.	
	S	US- 6,417,535	07-09-2002	Johnson et al.	

### FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T <sup>6</sup>
		Country Code <sup>3</sup> -Number <sup>4</sup> -Kind Code <sup>5</sup> (if known)				

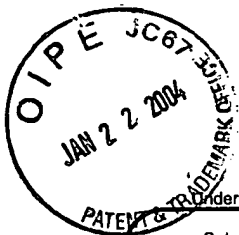
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This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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Sheet 2 of 2

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		Number-Kind Code <sup>2</sup> (if known)			
	T	US- 6,451,667	09-17-2002	Ning	
	U	US- 6,462,931	10-08-2002	Tang et al.	
	V	US- 2002/0153554	10-24-2002	Kajita et al.	
	W	US- 2002/0163029	11-07-2002	Dirnecker et al.	
	X	US- 6,542,352	04-01-2003	Devoe et al.	
	Y	US- 2002/0093780	07-18-2002	Hajimiri et al.	
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		Country Code <sup>3</sup> -Number <sup>4</sup> -Kind Code <sup>5</sup> (if known)				

Examiner  
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